

CLASSIFICATION

CENTRAL INTELLIGENCE AGENCY REPORT

INFORMATION REPORT

CD NO.

25X1

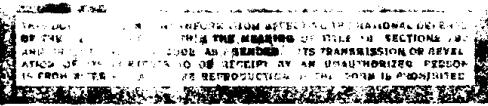
COUNTRY East Germany DATE DISTR. 28 September 1954
 SUBJECT Development of Precision Gyroscopic Device for PT Boats NO. OF PAGES 1
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 REPORT

SUPPLEMENT TO
REPORT NO.

640948

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THIS IS UNEVALUATED INFORMATION



1. On 11 June 1954, a conference on ultrahigh precision gyroscopic devices was held at WIE (Wissenschaftlich-Technisches Büro für Gerätetechnik) (WTIG). The conference was attended by Falzer (Mu) of the Ministry of the Interior. The discussions concerned the behavior of the various types of gyroscopes on fast seagoing vessels when putting way from dead slow to top speed i.e., 60 knots. At the meeting it was stated that no definite decision had been taken on the design of the hull or the engine plant and that, for this reason, no information could be given on the starting acceleration of the vessel. A gyroscopic gear which, under certain conditions, could keep a vessel proceeding at 60 knots on an absolutely straight course for one hour was required. WTIG declared that it was in a position to design a gyro steering gear which could keep a vessel on any preset course with a deviation not exceeding three degrees. In position of rest, this gyro compass would have to be compared with the ship's compass. The gyrocompasses previously used would not meet these requirements since they could not stand the high initial accelerations of the vessel.
2. At the conference it was also pointed out that RFT-Funkwerk Koepenick (Radio Plant) had developed a twin-gyro compass with a magnetic follow-up device which, however, was ruled out for PT boats because of excessive costs. An additional demand was made for a master compass with four repeater compasses for remote indication. The discussion of this development task was scheduled to be continued with WTIG after Falzer had received additional information.

1. [REDACTED] Comment probably Korvettenkapitän Karl-Heinz Falzer, head of the nautical department of the Sea Police Maritime Hydrographical Service.

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